

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	immobilized with lipid with bilayer same amine not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/21 22:57
L4	7	immobilized with lipid same amine not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/21 22:58
L5	146	lipid with bilayer same amine not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/21 22:58
L6	25	array and lipid with bilayer same amine not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/21 22:58
S1	155	((cellular cell) with array) and toxin and ganglioside	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:25
S2	105	((cellular cell) with array) and toxin and ganglioside not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/22 19:31
S3	134	((cellular cell membrane) with array) and toxin and ganglioside not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:50
S6	10	"6193951"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 15:33
S7	14	((cellular cell membrane) near array) and toxin and ganglioside not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:42
S8	2	"6790632"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:42
S9	231	((cellular cell membrane) with array) and ganglioside not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:50
S10	0	((cellular cell membrane) with array) and ganglioside and microspot not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:50
S11	88	((cellular cell membrane) with array) and ganglioside and spot not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/23 18:50
S12	69	((cellular cell membrane) with array) and ganglioside and spot and label not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/24 17:44

## EAST Search History

S13	0	((cellular cell membrane) with array) and ganglioside and spot and ((label labelled) near toxin) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/24 17:03
S14	4	((cellular cell membrane) with array) and ganglioside and spot and ((label labelled) near target) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/24 17:04
S15	65	((cellular cell membrane) with array) and ganglioside and spot and label and (toxin toxicity) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 12:18
S16	0	((cellular cell membrane) with array) and ganglioside and spot and label and (toxin toxicity) and aminopropylsilane not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 12:31
S18	0	((cellular cell membrane) with array) and ganglioside and spot and aminopropylsilane not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 12:31
S19	38	((cellular cell membrane) with array) and ganglioside and spot and (polylysine polyethyleneimine chitosan) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 16:40
S20	13	"6150103"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/28 16:40
S21	343	aminopropylsilane	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:19
S22	289	aminopropylsilane not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:19
S23	222	aminopropylsilane not @ay>"2001"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:20
S25	147	aminopropylsilane and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:20
S26	37	(gamma near aminopropylsilane) and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:26
S27	40	(gamma near aminopropylsilane) and support not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:24
S28	63	(gamma near aminopropylsilane) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/03/31 17:26

## EAST Search History

S29	4	(membrane with array) and toxin and ganglioside and aminopropylsilane	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:27
S30	67	(membrane with array) and toxin and ganglioside and amine	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:27
S31	43	(membrane with array) and toxin and ganglioside and amine not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 15:36
S32	4	(membrane with array) and toxin and ganglioside and (amine with (coating linker)) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:31
S33	58	((lipid membrane) with array) and toxin and ganglioside and amine not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 14:31
S34	17	"5518930"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 15:36
S35	1	"6699719"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 16:32
S36	14	"6150103"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 16:57
S38	21	"4933285"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:16
S39	830	amino with propyl with silane not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:27
S40	157	(aminopropylsilane) and binding not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:18
S41	39	(gamma with aminopropylsilane) and binding not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:26
S42	34	(gamma with aminopropylsilane) and immobilize not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:54
S43	469	(gamma with amino with propyl with silane) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:27
S44	65	(gamma with amino with propyl with silane) and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:27

## EAST Search History

S45	6	(gamma with aminopropylsilane) same coating not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 18:56
S46	46	(gamma with aminopropylsilane) same (coating treated treatment layer) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:16
S47	87	"5485277"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:18
S48	4239	(microporous nanoporous) with (substrate support) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:18
S49	739	binding and ((microporous nanoporous) with (substrate support)) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:18
S50	613	binding and membrane and ((microporous nanoporous) with (substrate support)) not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:21
S51	184	binding and membrane and ((microporous nanoporous) with (substrate support)) and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:27
S52	12	"6399232"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:25
S53	4	"6399202"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:25
S54	618	polymer and ((microporous nanoporous) with (substrate support)) and array not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:27
S55	106	polymer and ((microporous nanoporous) with (substrate support)) and array and immobilization not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:29
S56	16	polymer and ((microporous nanoporous) with (substrate support)) and array and immobilization and lipid not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:29
S57	10	(polymer same ((microporous nanoporous) with (substrate support))) and array and immobilization and lipid not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:29

## EAST Search History

S58	73	polymer same ((microporous nanoporous) with (substrate support)) and array and immobilization not @ay>"2002"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:36
S59	21	"5004543"	US-PGPUB; USPAT; EPO	OR	ON	2005/09/14 19:56
S60	14	"6150103"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/09 17:17
S61	1	"6699719"	US-PGPUB; USPAT; EPO	OR	ON	2006/01/09 17:17
S62	1803	amine with coating and membrane	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 22:39
S63	1514	amine with coating and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 22:39
S64	339	amine with coating and membrane with immobilized not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 22:39
S65	1	"6699719"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:37
S66	361	aminopropylsilane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:39
S67	161	aminopropylsilane and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:40
S68	68	aminopropylsilane and lipid and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:41
S69	53	gamma and aminopropylsilane and lipid and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:41
S70	21	gamma with aminopropylsilane and lipid and membrane not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:43
S71	6	gamma with aminopropylsilane and polyethyleneimine not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:48
S72	21	gamma with aminopropylsilane and lipid not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:48

## EAST Search History

S73	36	gamma with aminopropyl with silane and lipid not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:53
S74	42	gamma with aminopropyl with silane and polyethyleneimine not @ay>"2003"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:53
S75	24	"4933285"	US-PGPUB; USPAT; EPO	OR	ON	2006/08/06 23:53
S76	87	"4931498"	US-PGPUB; USPAT; EPO	OR	ON	2007/04/05 16:49
S77	8	"20040002064"	US-PGPUB; USPAT; EPO	OR	ON	2007/04/05 18:47
S78	2	10/602242	US-PGPUB; USPAT; EPO	OR	ON	2007/11/20 23:00
S79	27	"6228326"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/20 23:00
S80	88	"4931498"	US-PGPUB; USPAT; EPO	OR	ON	2007/11/20 23:02